



2626  
Jk

03500.015015.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: J. Grant II
RYOSUKE IGUCHI ET AL.	)	
	:	Group Art Unit: 2626
Application No.: 09/745,481	)	
	:	
Filed: December 26, 2000	)	
	:	
For: IMAGE PROCESSING METHOD	)	
AND IMAGE PROCESSING	:	
APPARATUS	)	December 14, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

Sir:

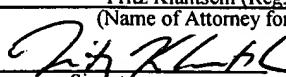
In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

The concise explanation of relevance for the non-English documents is provided in the English abstracts attached to those documents, and/or comments provided below concerning Japanese Patent Application Laid-Open No. 59-133770 and Japanese

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 14, 2004  
(Date of Deposit)

Fritz Klantschi (Reg. No. 50,333)  
(Name of Attorney for Applicant)

	December 14, 2004
Signature	Date of Signature

Patent Application Laid-Open No. 10-283470. Also, for Japanese Patent Laid-Open No. 06-022141, the Examiner is respectfully referred to U.S. Patent 5,410,418, which is attached hereto to provide a further statement of relevance for that non-English document.

Japanese Patent Application Laid-Open No. 59-133770 discloses calculating a ratio of components included within a predetermined range in a histogram. More specifically, in Japanese Patent Application Laid-Open No. 59-133770, an effective density histogram of an original image is created, and cumulative frequencies of the effective density histogram equal to or higher than a reference density, or equal to or lower than the predetermined density are acquired, whereby a kind of original image is discriminated based on the cumulative frequencies.

Japanese Patent Application Laid-Open No. 10-283470 discloses calculating a component value in a histogram wherein a cumulative frequency accumulated from a maximum value or a minimum value indicates a predetermined value within a range of the component value (Claims 11, 18, and 21). More specifically, in Japanese Patent Application Laid-Open No. 10-283470, a histogram indicating gradation distribution of image data is created, a correction coefficient is set by using a minimum-side representative value shadow point and a maximum-side representative value highlight point being the gradation value that a cumulative frequency first exceeds 5%, and an LUT is created by using the correction coefficient, thereby executing gradation distribution correction.

#### STATEMENT UNDER 37 C.F.R. § 1.97(e)

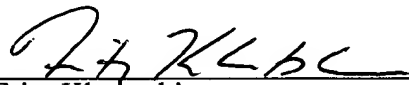
Each item of information in this information disclosure statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing date of this Statement.

### CONCLUSION

This application has received an Office Action on the merits but has not yet received either a final action or a Notice of Allowance. Accordingly, this Information Disclosure Statement is filed under 37 C.F.R. § 1.97(c) and is accompanied by the statement under 37 C.F.R. § 1.97(e) (above). Consideration of the art cited herein is accordingly deemed proper, and such action is respectfully requested. Accordingly, it is respectfully requested that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

DEC 21 2004

PRIORITY DOCKET NO.

03500.015015.

APPLICATION NO.

09/745,481

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

APPLICANT

RYOSUKE IGUCHI ET AL.

FILING DATE

December 26, 2000

GROUP

2626

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP	59-133770	08/01/84	Japan	H04N	1/00	Abstract
	JP	6-350851	12/22/94	Japan	H04N	1/30	Abstract
	JP	10-283470	10/23/98	Japan	G06T	5/00	Abstract
	JP	6-22141	01/28/94	Japan	H04N	1/40	Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1